

Figure 2

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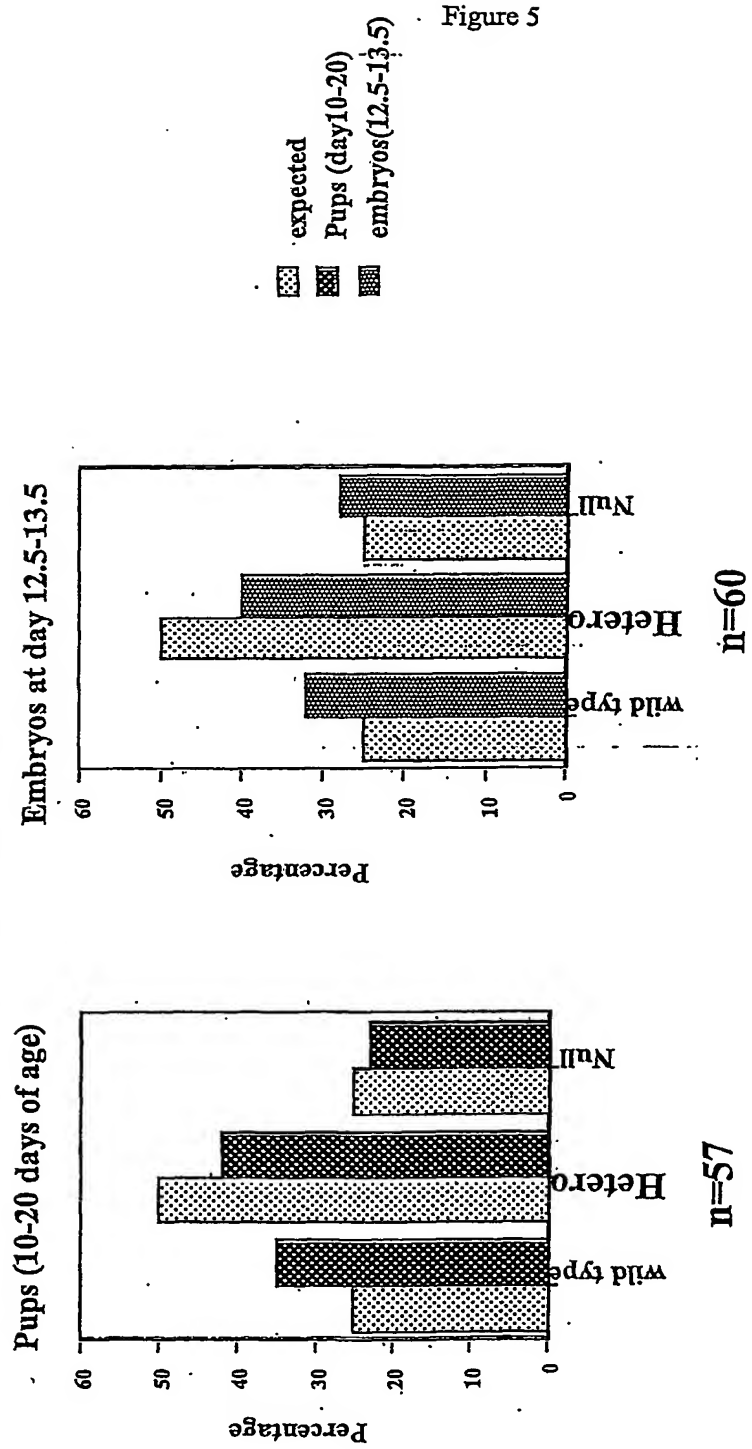
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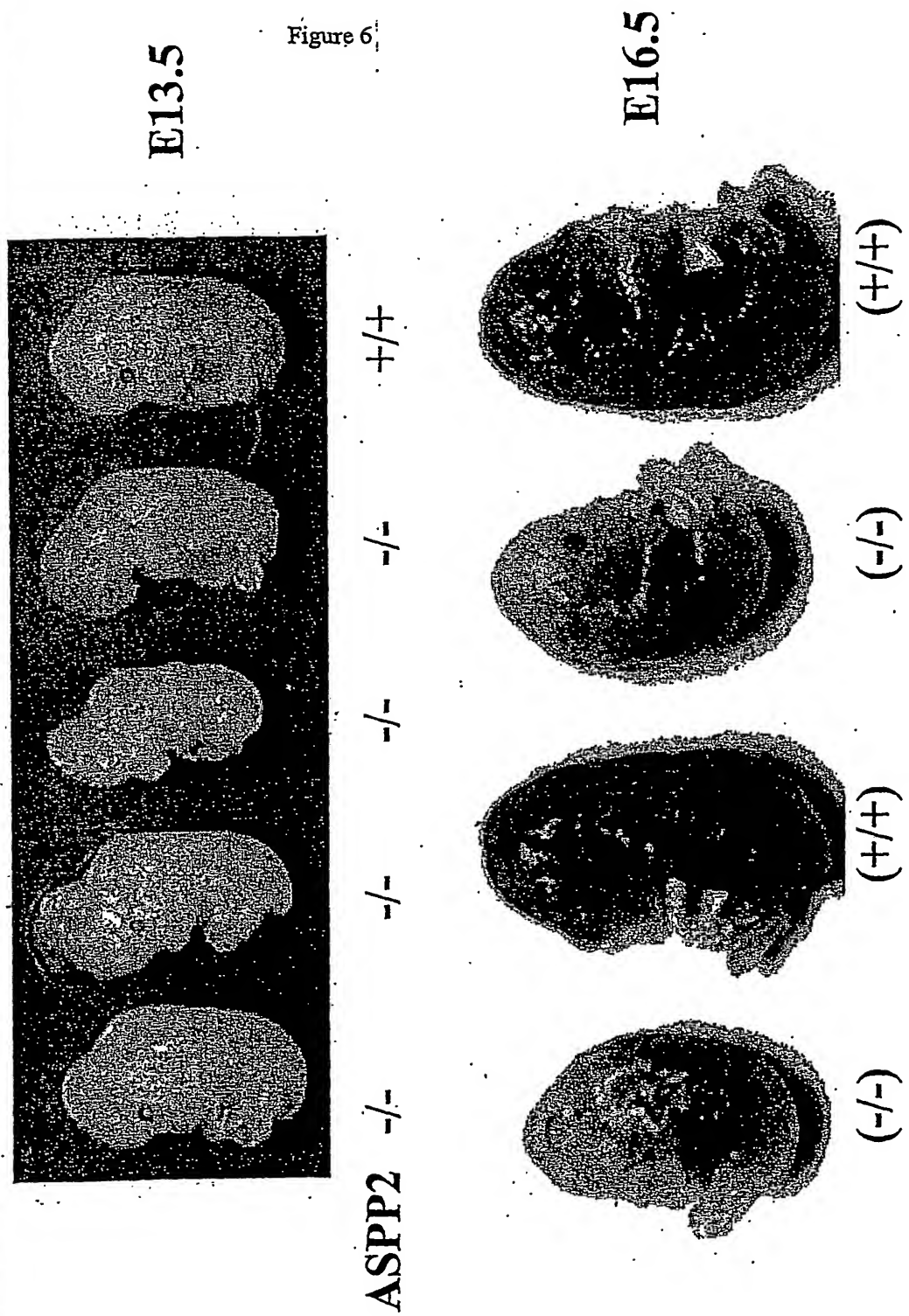
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The percentage of ASPP2 null mice born is normal

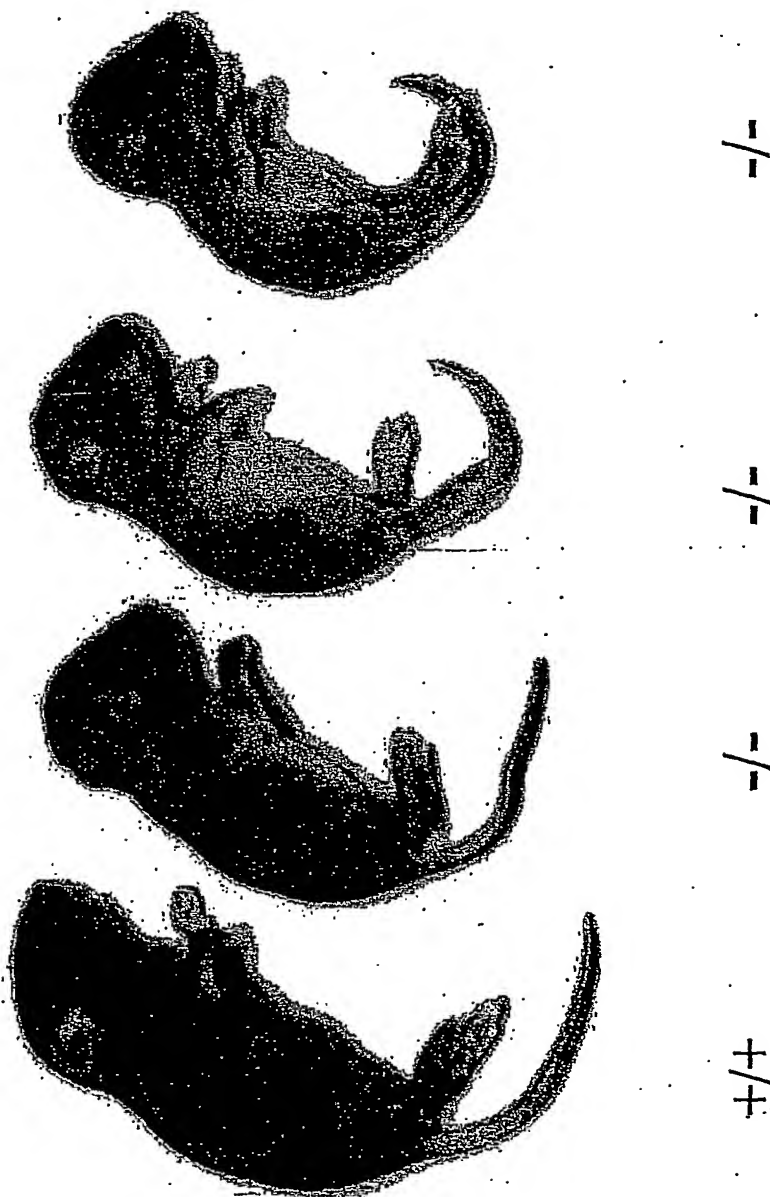


High Frequency of Malformation of ASPP2 Null Embryos



ASPP2 Null Mice Die Before Weaning

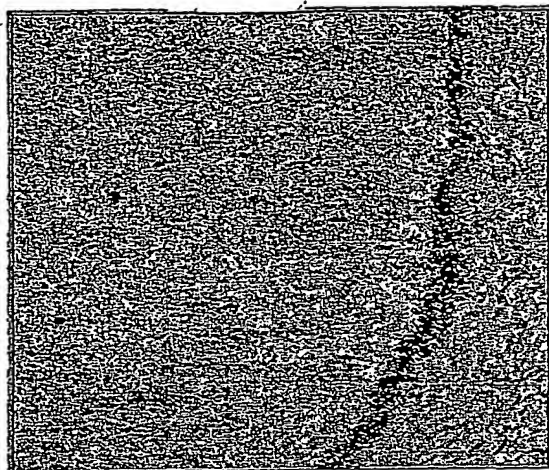
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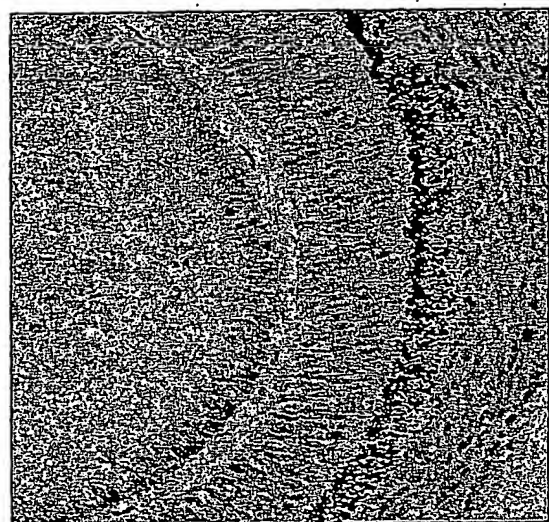
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Eyes of day 13.5 ASPP2 embryos

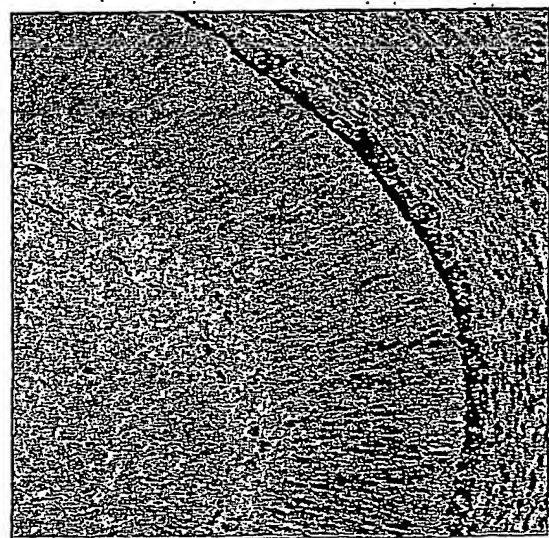
Figure 8



(-/-)



(+/-)

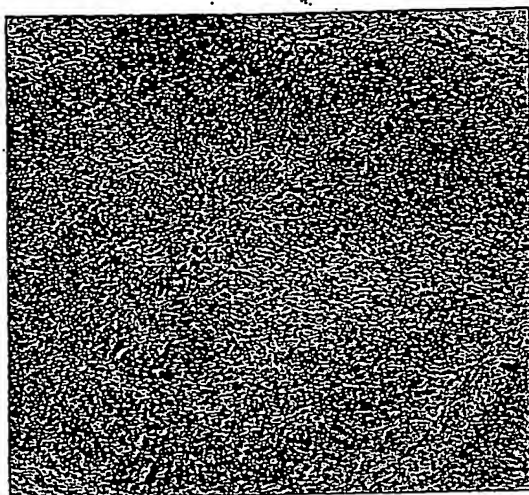


+/+

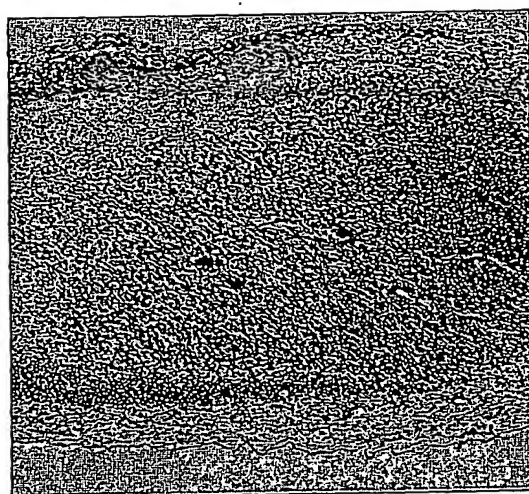
8/18

Brains of day 13.5 ASPP2 embryos

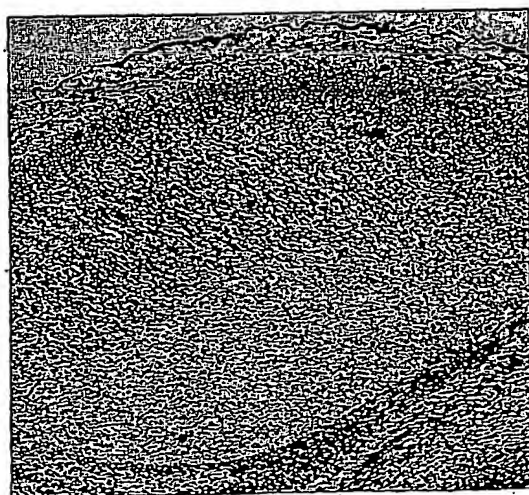
Figure 9



(-/-)



(+/-)



(+/+)

Abnormal growth in the brain of ASPP2 null embryo

Figure 10

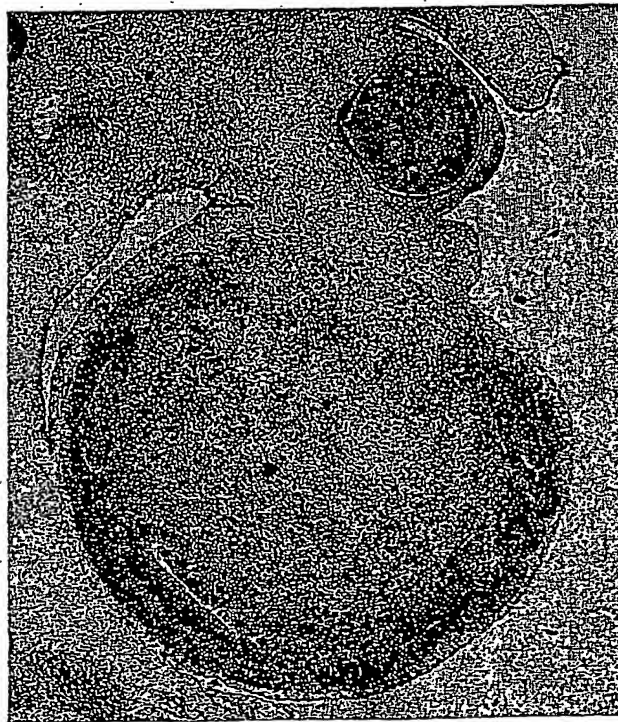
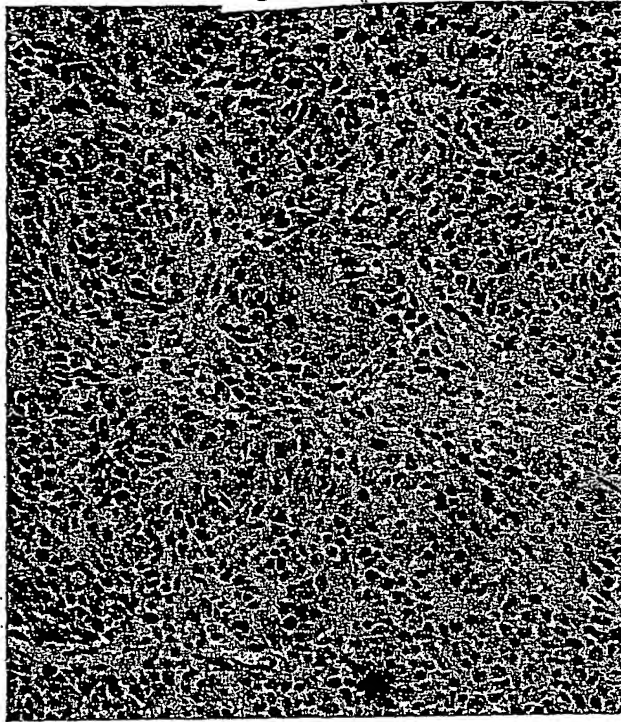
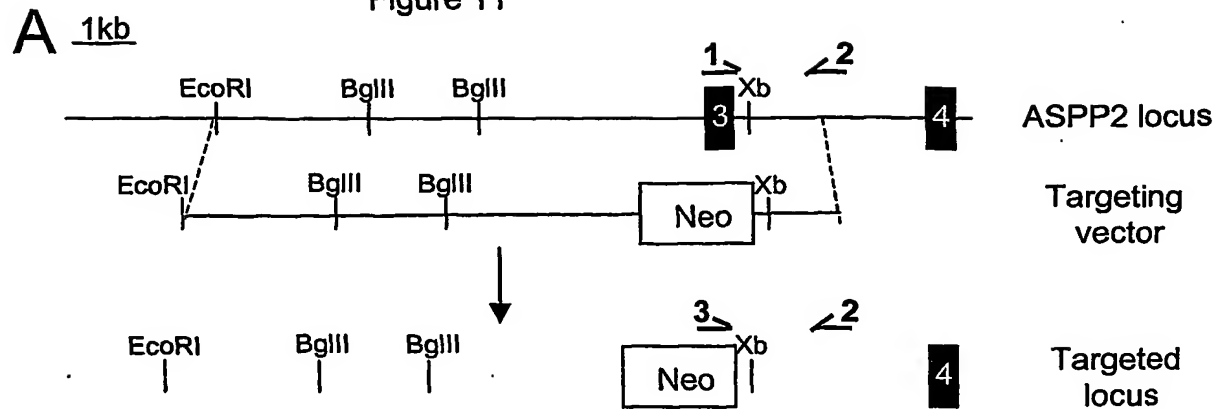
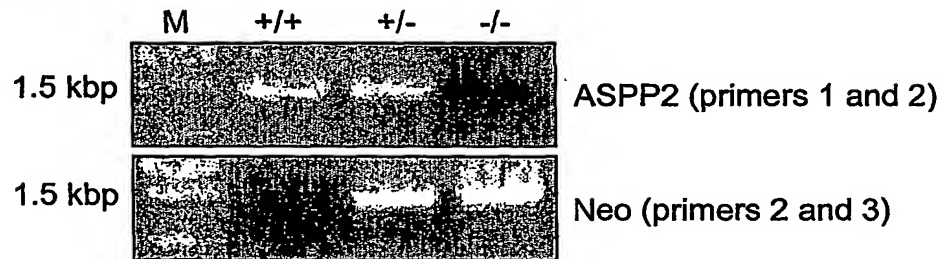
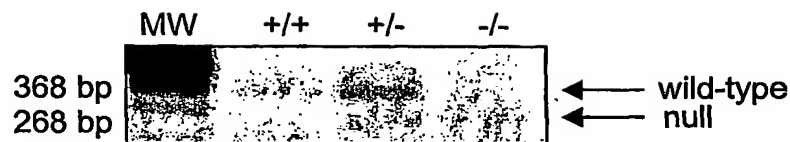
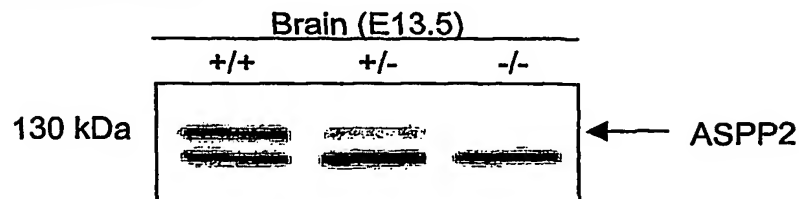
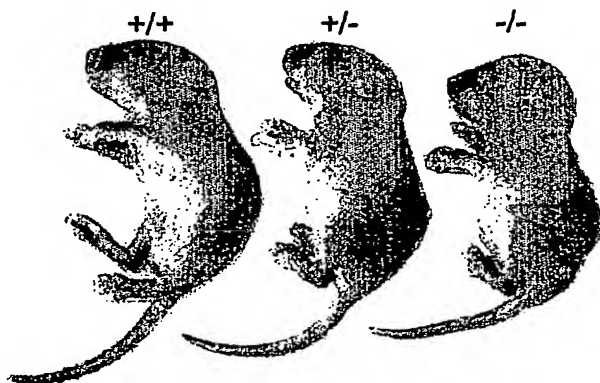
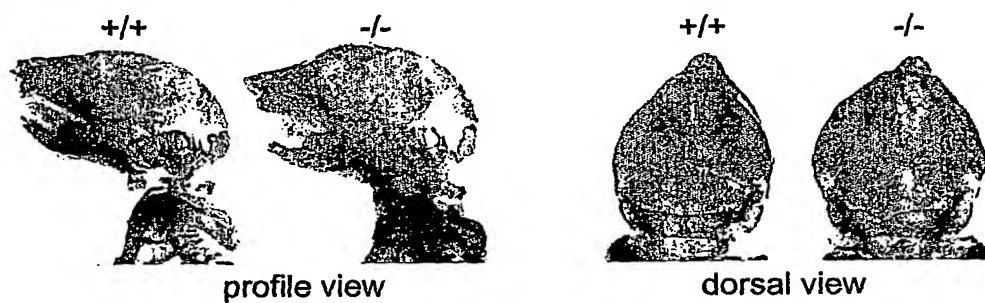
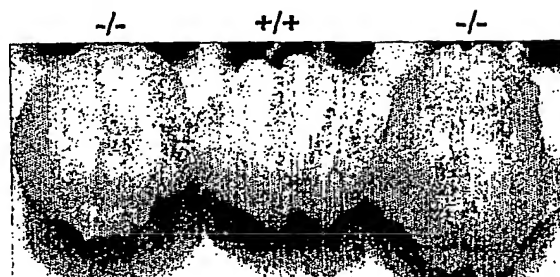


Figure 11

**B** PCR:**C** RT-PCR:**D** Western Blot:

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Figure 12

A P9 pups phenotype:**B** P24 skulls staining (Alizarin red - Alcian blue):**C** Gross morphology of P5 brains:

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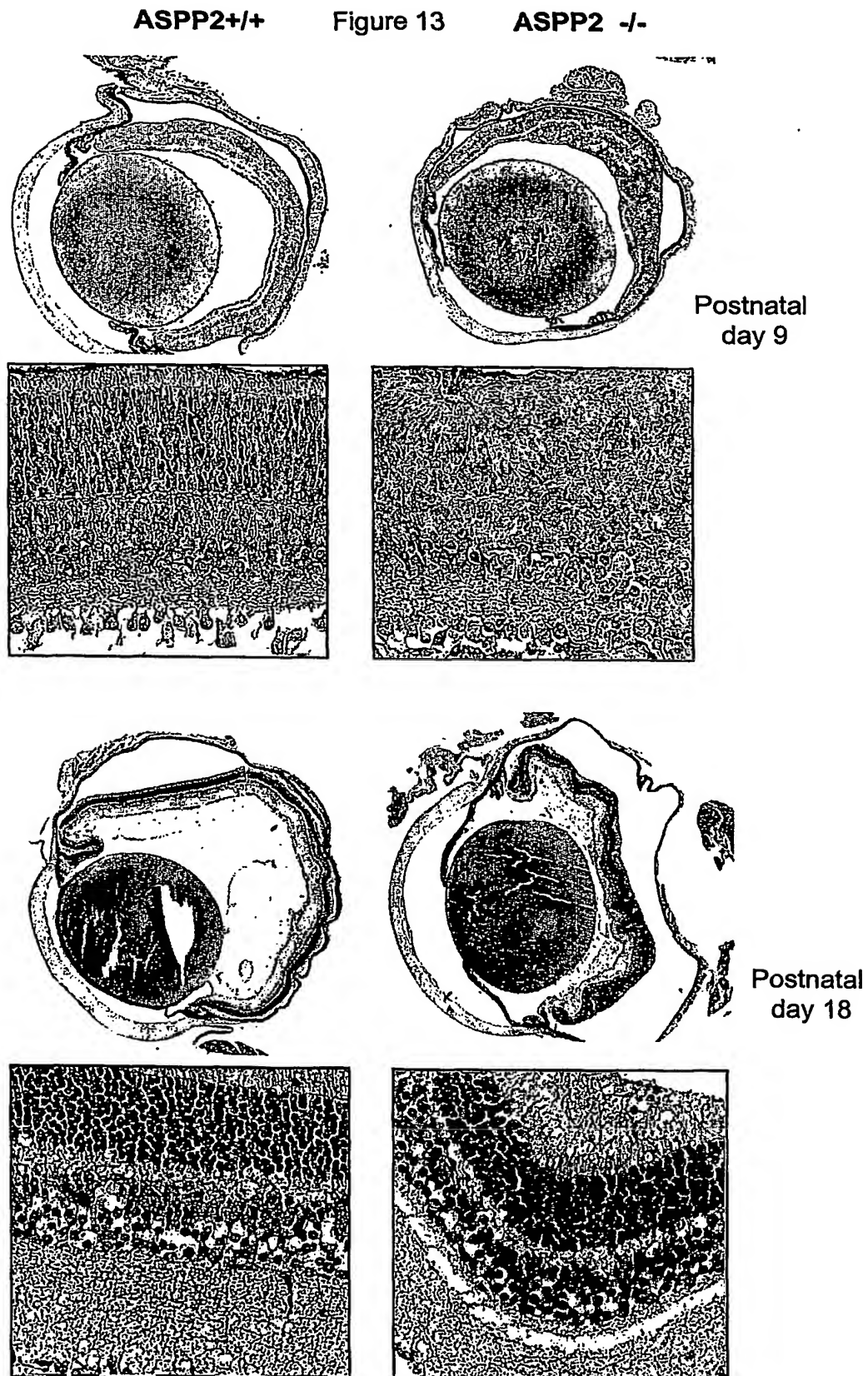


Figure 14
D11.5 embryos

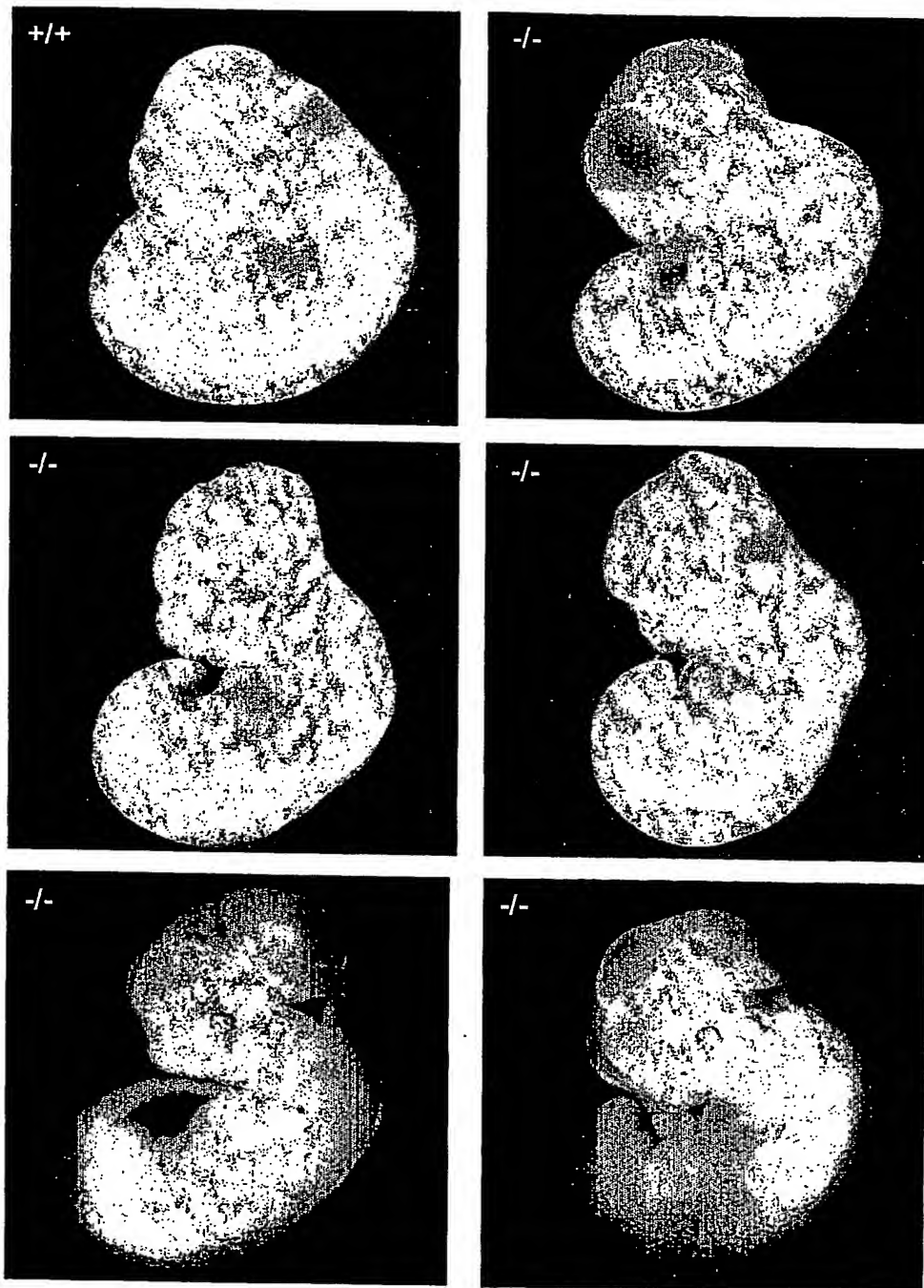
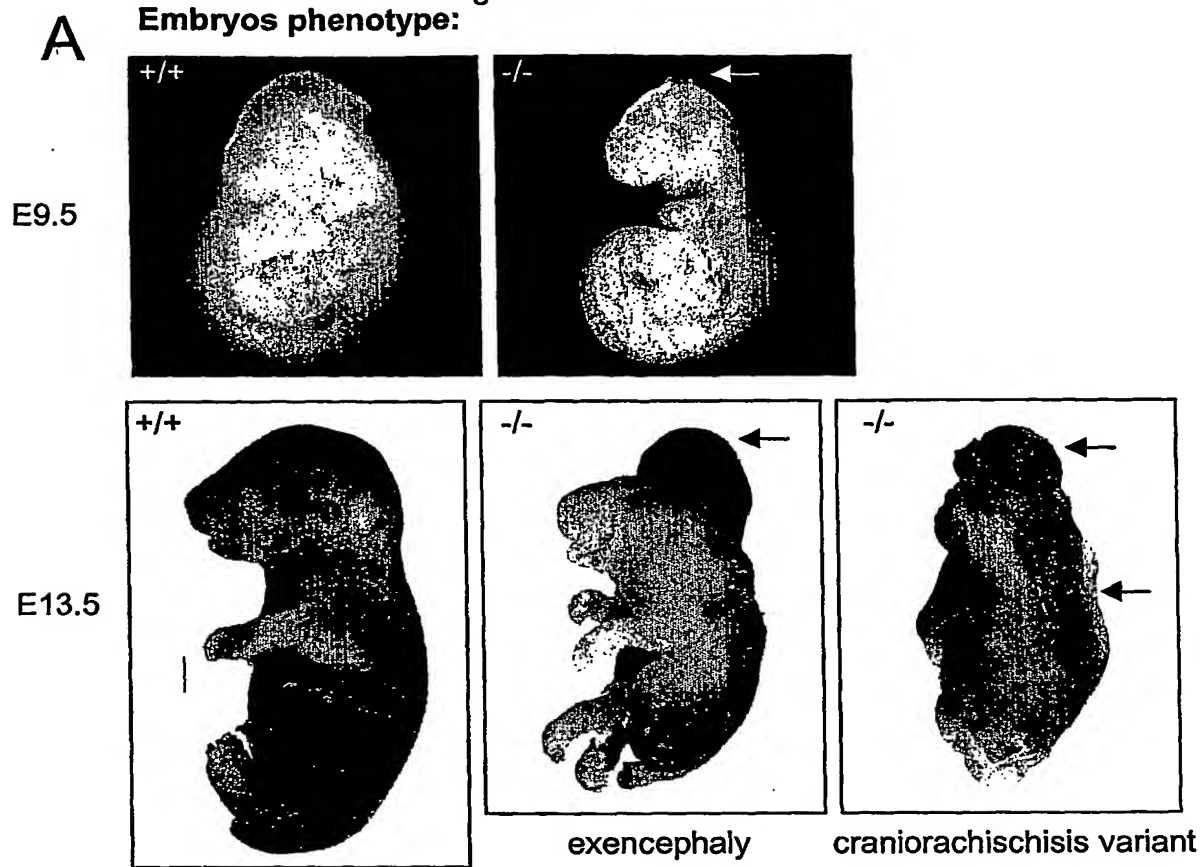


Figure 15



B Skeletal staining of embryo with exencephaly:

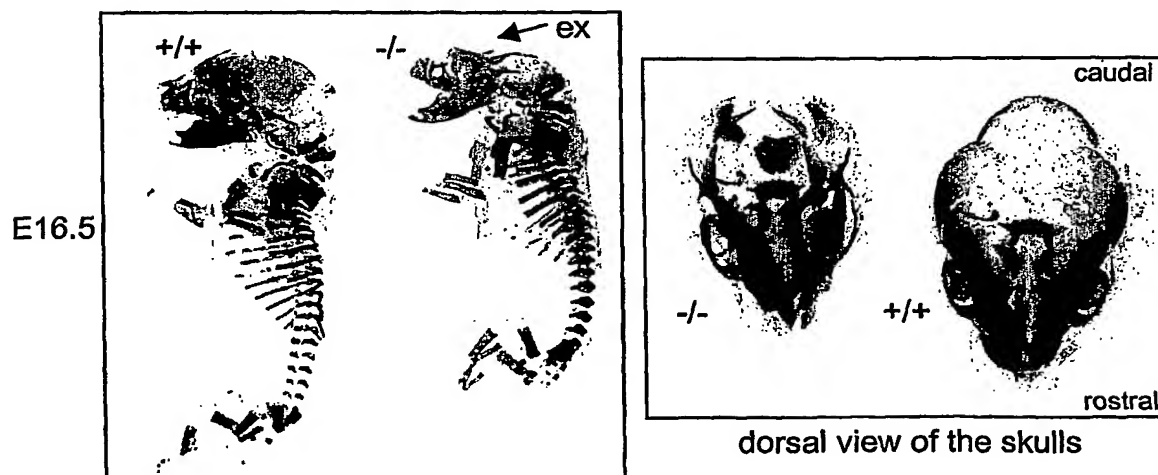
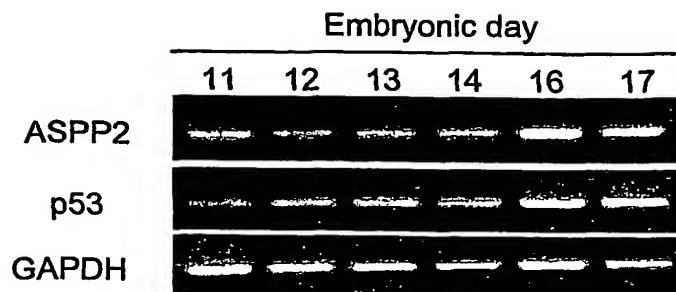


Figure 16

A RT-PCR:**B** *In situ* hybridization:

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	ASPP2 cDNA
---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	------------

probe
(40% homology with ASPP1)

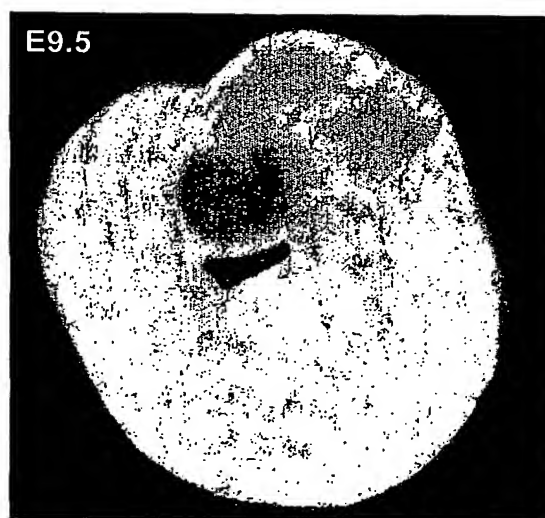
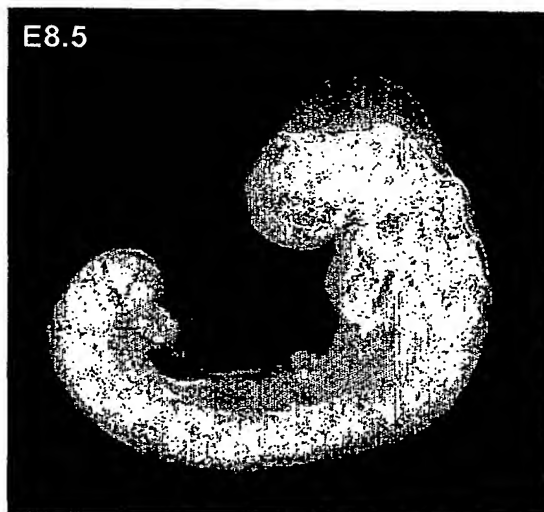
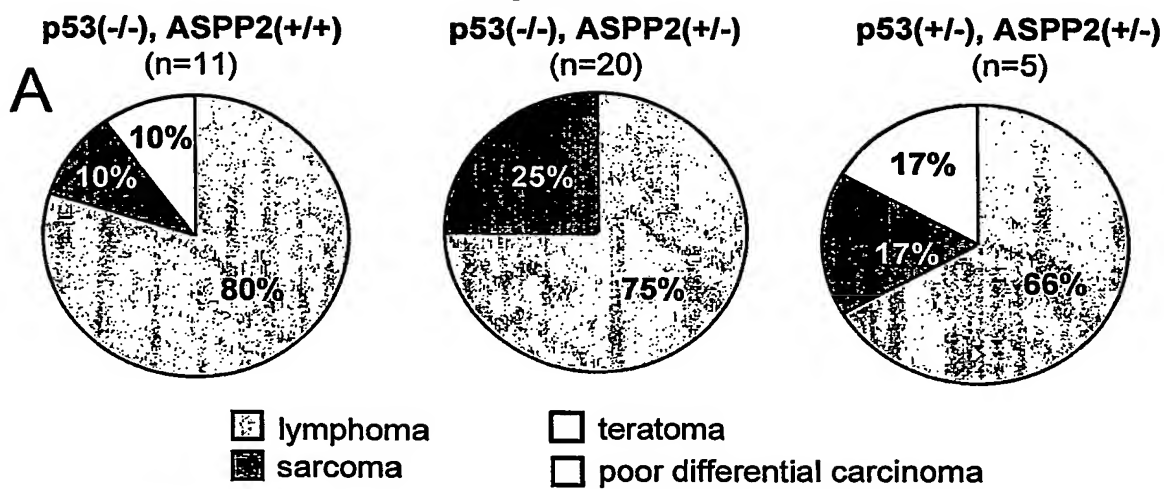
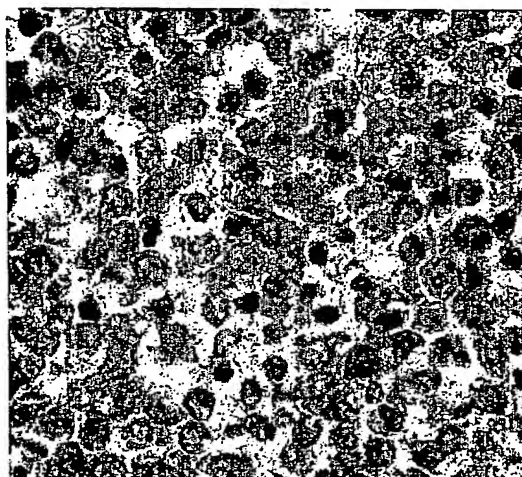


Figure 17



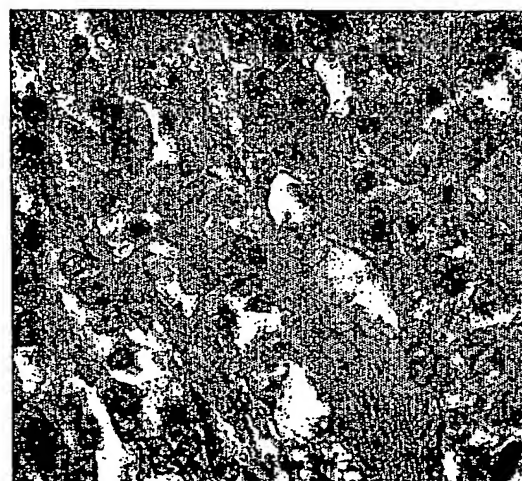
B



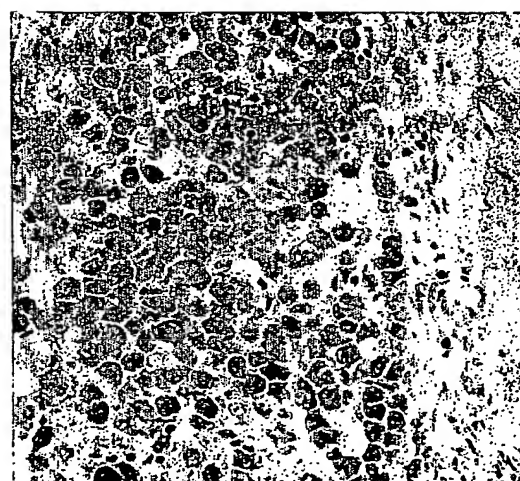
lymphoblastic lymphoma



teratoma



rhabdomyosarcoma



mesothelioma

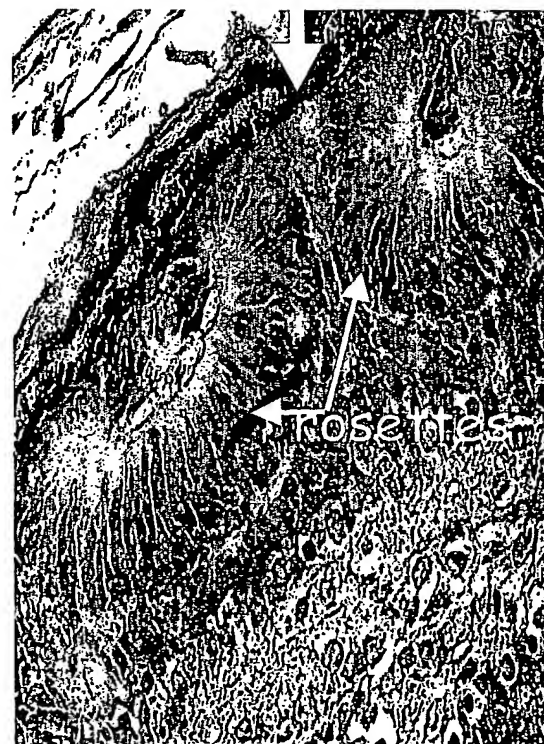
Figure 18

Pups retina

WT retina

ASPP2-null retina

GCL
IPL
INL
OPL
ONL



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